

OSHA's claims on cardiovascular effects

P. 8: ...injections of massive amounts of PAHs into chickens ...

Can this be quantified?

P. 9: OSHA again relies strongly on highly flawed studies.

Can this be substantiated?

P. 10: Small increments of carbon monoxide due to environmental tobacco smoke ...

This should be related to the TLV.

P. 11: These articles report minor changes in certain cardiovascular variables ...

Can this be quantified?

P. 11: ... Assuming that such responses were actually direct responses to ETS, rather than reflective of a psychological reaction to ETS exposure.

What would be the difference with respect to regulation?

P. 14: the 11 citations given by OSHA in support of its conclusion do not report a consistent association ...

What about other criteria: weight of evidence, strength of association?

P. 17: This concern was noted by the authors.

Better: This shortcoming was noted by the authors.

P. 19: OSHA is left with a single supporting citation which itself is highly flawed.

Better: a single supporting citation against several negative studies.

P. 19: The Helsing et al. study was performed in a single county in a single state in the U.S.

Better: in a single state in the U.S. on home ETS exposure.

P. 20: neither ... nor ... meet basic standards of scientific control

Can this be substantiated?

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P. 20: Both involve excessively high levels of smoke exposure, which was sidestream smoke, not ETS.

Not correct: this was mainstream smoke

P. 20: In an unventilated exposure chamber

Better: closed exposure chamber

P. 21: despite its lack of an adequate control condition

Better: adequate control

P. 23: If such data are generally inconclusive ...

Better: leave out this sentence

P. 24: Lawrence Wexler, of the New York Medical College, concluded

Better: Lawrence Wexler concluded

P. 25: Westman, D.F. and Munby, J. (1990) two scientists ... United Kingdom, reviewed ..

Better: Westman, D.F. and Munby, J. (1990) reviewed ...

P. 26: Thiery, J. and Cremer, P. (1990) two physicians from ... presented ...

Better: Thiery, J. and Cremer, P. (1990) presented ...

P. 26: ... was reviewed by Alan Armitage, former director ...

Better: was reviewed by Alan Armitage

P. 27: this is because of the hundreds of factors ...

Better: This is because of the many factors ...

P. 28: In 1991, Peter Lee, an independent ..., published

Better: In 1991, Peter Lee published

P. 28: Skip the passage: "In the risk ... this conclusion (p. 199)

P. 29: ... its second large prospective study. It is hoped that results from its first prospective study ...

What was reported in these studies?

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P. 32: Skip Adlkofer et al. 1989

P. 33: Skip Cole, P. (1981), because he describes extremely high HbCO values of nonsmokers compared with smokers.

P. 33: The maximum levels are ...

Better: The no effect levels are ...

P. 34: It can be seen that the nicotine concentrations found in the present study are roughly one-tenth ...

What is the actual TLV?

P.36: Skip Rylander, R. (1983)

P. 40: Pimm et al. (1978)

Are there no more recent studies?

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